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Research Use Only. Not for diagnostic or therapeutic use.

EB07673 - Goat Anti-KLK2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KLK2, kallikrein-related peptidase 2, KLK2A2, MGC12201, hK2,

glandular kallikrein 2, kallikrein 2, prostatic

Official Symbol: KLK2

Accession Number(s): NP_005542.1; NP_001002231.1

Human GeneID(s): 3817

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_005542.1; NP_001002231.1).

Immunogen

Peptide with sequence C-KHQSLRPDEDSSHD, from the internal region of the protein sequence according to NP_005542.1; NP_001002231.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 26kDa band observed in lysates of cell line HeLa, which was successfully blocked by incubation with the immunizing peptide (calculated MW of 28.7 according to NP_005542.1 and 24.7kDa according to NP_001002231.1). Recommended concentration:0.5-2 μ g/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Prostate. Recommended concentration: 2.5-8µg/ml.

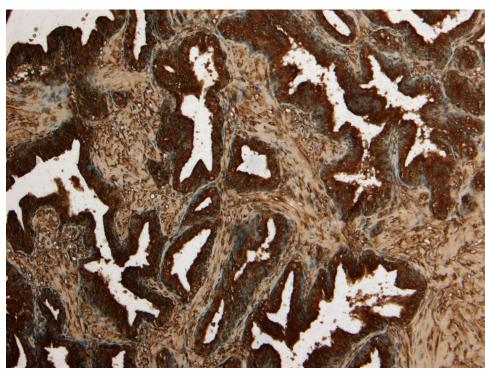
Species Reactivity

Tested: Human

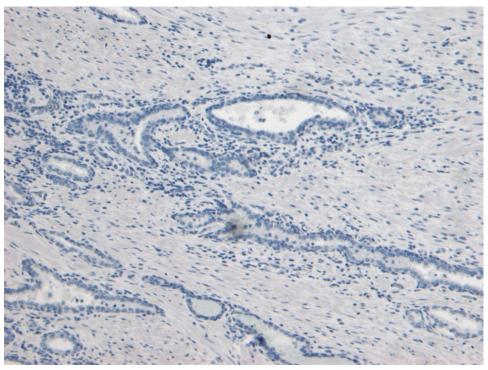
Expected from sequence similarity: Human

A B
250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa

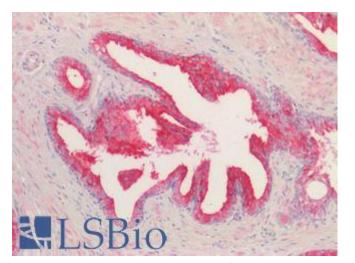
EB07673 (1µg/ml) staining of HeLa cell lysate (A) + peptide (B) (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB07673 (8µg/ml) staining of paraffin embedded Human Prostate. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB07673 Negative Control showing staining of paraffin embedded Human Prostate, with no primary antibody.



EB07673 (2.5 μ g/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.